

REAGENTS AND METHODS USEFUL FOR DETECTING  
DISEASES OF THE BREAST

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Abstract of the Disclosure

10           A set of contiguous and partially overlapping cDNA sequences and polypeptides  
encoded thereby, designated as BS274 and transcribed from breast tissue, is described.  
These sequences are useful for the detecting, diagnosing, staging, monitoring,  
prognosticating, in vivo imaging, preventing or treating, or determining the  
predisposition of an individual to diseases and conditions of the breast, such as breast  
15 cancer. Also provided are antibodies which specifically bind to BS274-encoded  
polypeptide or protein, and agonists or inhibitors which prevent action of the tissue-  
specific BS274 polypeptide, which molecules are useful for the therapeutic treatment of  
breast diseases, tumors or metastases